

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2008-0977; Directorate Identifier 2008-NM-124-AD; Amendment
 15775 26-09
 39-*****; AD 2008-**-**]

RIN 2120-AA64

Airworthiness Directives; Bombardier Model CL-600-2B19 (Regional Jet Series 100 &
 440) Airplanes

AGENCY: Federal Aviation Administration (FAA), Department of Transportation
 (DOT).

ACTION: Final rule.

SUMMARY: We are adopting a new airworthiness directive (AD) for the products listed
 above. This AD results from mandatory continuing airworthiness information (MCAI)
 originated by an aviation authority of another country to identify and correct an unsafe
 condition on an aviation product. The MCAI describes the unsafe condition as:

Bombardier Aerospace has completed a system safety review of the
 CL-600-2B19 aircraft fuel system against the new fuel tank safety
 standards * * *.

The assessment showed that insufficient electrical bonding between the
 refuel/defuel shutoff valves and the aircraft structure could occur due to
 the presence of a non-conductive gasket (Gask-O-Seal). In addition, it was
 also determined that the presence of an anodic coating on the shutoff valve
 electrical conduit connection fitting could affect electrical bonding. The
 above conditions, if not corrected, could result in arcing and potential
 ignition source inside the fuel tank during lightning strikes and consequent
 fuel tank explosion.

* * * * *

CONCURRENCES	
ROUTING SYMBOL	ANM-7
INITIALS/SIG	Ch
DATE	11/21/08
ROUTING SYMBOL	-114
INITIALS/SIG	129
DATE	12/5/08
ROUTING SYMBOL	-101
INITIALS/SIG	
DATE	
ROUTING SYMBOL	-100
INITIALS/SIG	TRK
DATE	12/14/08
ROUTING SYMBOL	
INITIALS/SIG	
DATE	
ROUTING SYMBOL	
INITIALS/SIG	
DATE	
ROUTING SYMBOL	
INITIALS/SIG	
DATE	

[4910-13-P]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2008-0977; Directorate Identifier 2008-NM-124-AD; Amendment

39-*****; AD 2008-**-**]

RIN 2120-AA64

Airworthiness Directives; Bombardier Model CL-600-2B19 (Regional Jet Series 100 & 440) Airplanes

AGENCY: Federal Aviation Administration (FAA), Department of Transportation (DOT).

ACTION: Final rule.

SUMMARY: We are adopting a new airworthiness directive (AD) for the products listed above. This AD results from mandatory continuing airworthiness information (MCAI) originated by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as:

Bombardier Aerospace has completed a system safety review of the CL-600-2B19 aircraft fuel system against the new fuel tank safety standards * * *.

The assessment showed that insufficient electrical bonding between the refuel/defuel shutoff valves and the aircraft structure could occur due to the presence of a non-conductive gasket (Gask-O-Seal). In addition, it was also determined that the presence of an anodic coating on the shutoff valve electrical conduit connection fitting could affect electrical bonding. The above conditions, if not corrected, could result in arcing and potential ignition source inside the fuel tank during lightning strikes and consequent fuel tank explosion.

CONCURRENCES
ROUTING SYMBOL ane173
INITIALS/SIG rv
DATE 11/12/08
ROUTING SYMBOL LBAEG
INITIALS/SIG Rick Ralston
DATE 11/12/08
ROUTING SYMBOL ane171
INITIALS/SIG dp
DATE 11/12/08
ROUTING SYMBOL ane173
INITIALS/SIG kd
DATE 11/12/08
ROUTING SYMBOL ane170
INITIALS/SIG as
DATE 11/12/08
ROUTING SYMBOL
INITIALS/SIG
DATE
ROUTING SYMBOL
INITIALS/SIG
DATE
ROUTING SYMBOL
INITIALS/SIG
DATE